

PRODUCT DATA

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W. R. MEADOWS®

SEALTIGHT®

NO. 375

MARCH 2016
(Supersedes January 2013)

SEAL CURE™-25

Concrete Curing and Sealing Compound

DESCRIPTION

SEAL CURE-25 is a clear, 25% solids, UV-resistant, solvent-based, ready-to-use formula of acrylic copolymers and quick evaporating solvents, which cures, hardens, seals, and dustproofs freshly placed and/or existing concrete.

USES

SEAL CURE-25 may be used on freshly placed and finished exterior concrete surfaces. It is ideal for use on concrete surfaces, sidewalks, parking decks, driveways, etc., or any place a medium-sheen finish is desired.

For interior applications, specify and apply VOCOMP®-20 or VOCOMP-25 curing and sealing compounds from W. R. MEADOWS.

FEATURES/BENEFITS

- When properly applied, breathable film allows moisture in cured concrete to evaporate.
- Provides a durable, tough, uniform, long-lasting film finish on exterior concrete surfaces.
- Cures, hardens, dustproofs, and seals freshly placed concrete simultaneously in one application.
- Minimizes hair-checking, cracking, dusting, spalling, and other defects common to improperly cured or uncured concrete.
- Provides improved resistance to chemicals, oil, grease, de-icing salts
- Applies easily ... dries quickly for less downtime.

PACKAGING

5 Gallon Pails
55 Gallon Drums

COVERAGE

300 - 600 ft.²/gal. Coverage may vary due to the texture and porosity of the substrate.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS

ASTM C 1315, Type I, Class A
ASTM C 309, Type 1, Classes A & B
Dried film is USDA Accepted
U.S. EPA Architectural Coatings Rule

TECHNICAL DATA

Appearance	Clear
Solids Content	26%
Weight/Gallon	7.6 lb.
Acid and Alkali Resistance	Good
Wearing Quality	Good
VOC Content, g/L	689

APPLICATION

Surface Preparation ... Existing (Old) Concrete: Concrete surface must be clean and dry with all stains, oil, grease, dust, and dirt removed prior to application. ULTRITE® DEGREASER from W. R. MEADOWS is recommended for cleaning.

New Concrete: SEAL CURE-25 should be applied when surface water has completely disappeared and the concrete surface will not be marred by walking workmen.

Application Method ... Use a sprayer, such as a Chapin 19049, or short-nap roller to apply a uniform film. Avoid puddling in low areas. If puddles occur, brush or roll them out. A standard industrial-grade sprayer, equipped with a neoprene hose and gaskets, as well as a 0.5 GPM spray nozzle (or equivalent) is recommended for best results.

For optimum performance, apply first coat at 600 ft.²/gal. After the first coat has thoroughly dried, apply a second coat at 600 ft.²/gal. NOTE: The second coat should be applied at a right angle.

Surface temperature of the concrete must be between 40° - 90° F and rising.

CONTINUED ON REVERSE SIDE...

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Drying Time ... SEAL CURE-25 dries quickly. Drying times may be extended depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferable.

Cleanup ... Application equipment should be cleaned promptly after use with xylene or toluene.

PRECAUTIONS

Coating is to be applied without dilution or thinning. FOR EXTERIOR USE ONLY. Block all HVAC ventilation ducts which may spread product odor. Use with adequate ventilation and keep away from open flame. If odor is objectionable, use of DECRA-SEAL™ W/B or the VOCOMP® series from W. R. MEADOWS is suggested. Surfaces treated with SEAL CURE-25 may become slippery under certain conditions. To increase slip resistance, add SURE-STEP™ additive from W. R. MEADOWS to the product.

SEAL CURE-25 should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush). SEAL CURE-25 should not be applied to concrete containing excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush).

SEAL CURE-25 is a membrane-forming sealer. All membrane-forming sealers may darken concrete or magnify imperfections caused by variations in the porosity and/or finishing of the concrete.

For any alternate adhesion specifications or requirements, besides ASTM C1315, Section 8.8, secure the approval of the manufacturer of any paint, coating, carpet, adhesive, resilient flooring, floor topping, etc. (any type/composition of subsequent floor treatment) that will be applied over SEAL CURE-25. Obtain this approval before applying the product over concrete previously applied with SEAL CURE-25.

HEALTH AND SAFETY

Prolonged inhalation of vapors in excess of permissible exposure limits may result in symptoms of transient central nervous system depression. Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. SEAL CURE-25 is combustible. Remove ignition sources prior to use. Empty containers may hold combustible vapors. Handle empty containers as combustible liquids. In the event of a spill, contain the product; apply absorbents and place in sealed containers. In the event of a fire, contain all run-off water. Refer to Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and SDS, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.